



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

✓ 42-003-00032

PA ACH 00042 003 00032

(JIM H)

May 22, 2018

Ms. Karen M. Sagel
Allegheny County Health Department
Department of Air Quality
301 Thirty-Ninth Street
Pittsburgh, PA 15201

MAY 30 2018

Subject: USS Reference Number: 18-0043
ACHD Reference Number: 20976
SCOT Plant
USS Clairton Works

Dear Karen M. Sagel:

The attached form terminates our report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Jonelle S. Scheetz at 412-233-1015.

Sincerely,

Michael S. Rhoads
Plant Manager
Clairton Works

cc: James W. Hagedorn (USEPA)

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 18-0043 Termination
ACHD Reference Number: 20976
2. Date & Time of Breakdown: Date: 05/03/18 Time: 1735 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: SCOT Plant
5. BAPC Permit Number (if applicable): #0052
6. Location: Clairton, PA
7. Nature and cause of breakdown: The SCOT Plant tail gas was rerouted prior to taking the SCOT Plant out of service to change the reactor catalyst and perform routine maintenance. During this time, differential gas pressure problems occurred at the 1st Unit Suction Main. This is preventing the tail gas from being rerouted. The maintenance is expected to span an approximate 2-week period.
8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Elevated H₂S at the incinerator stack, causing increased SO₂ at point of combustion.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO₂ is an eye, nose, and throat irritant.
 - C. Amount of each type emitted (or likely to be emitted).
Light to Moderate.
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
The tail gas was rerouted to the suction main upon resolving the differential pressure issue. Personnel worked around the clock to expedite this correction. The SCOT Plant returned to service upon completion of the maintenance.
10. Facility back in operation - Date: 05/15/18 Time: 0800 hours

Reviewed by Jonielle S. Scheetz Date 5/22/18
Jonielle S. Scheetz
Environmental Control Engineer Phone: 412-233-1015